

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031021\
 Data File : BN013901.D
 Acq On : 10 Mar 2021 11:32
 Operator : CG/JU
 Sample : M1611-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-030921

Quant Time: Mar 10 12:02:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

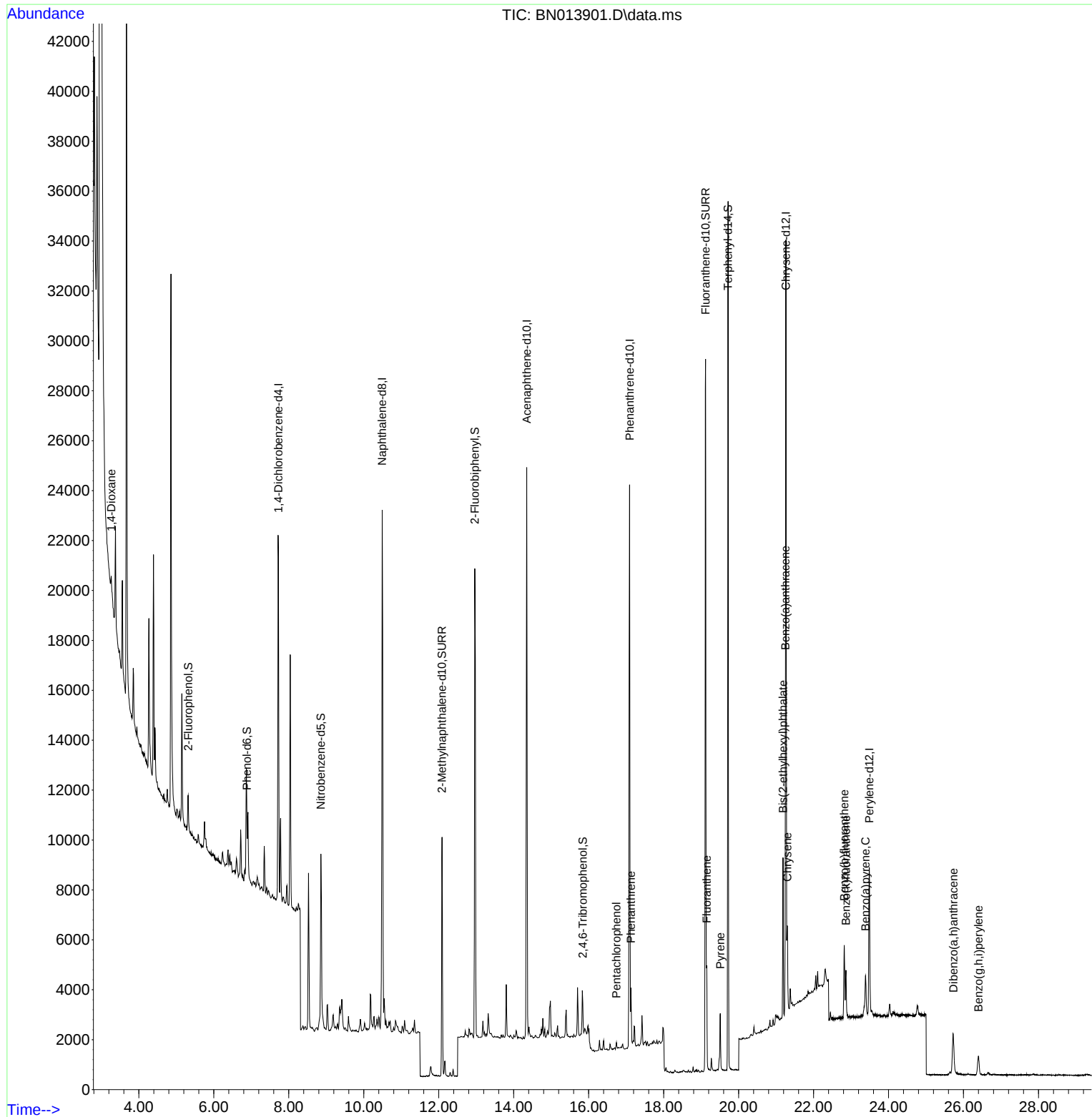
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	7099	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	27939	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	12372	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	31216	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	27783	0.40	ng	0.00
36) Perylene-d12	23.486	264	7733	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1141	0.06	ng	0.00
5) Phenol-d6	6.887	99	780	0.03	ng	0.00
8) Nitrobenzene-d5	8.857	82	5678	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	12471	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1480	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	17536	0.40	ng	-0.01
27) Fluoranthene-d10	19.119	212	32204	0.35	ng	0.00
31) Terphenyl-d14	19.719	244	33836	0.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	504	0.06	ng	# 33
24) Pentachlorophenol	16.739	266	150	0.03	ng	97
25) Phenanthrene	17.128	178	2253	0.03	ng	98
28) Fluoranthene	19.149	202	3405	0.03	ng	# 95
30) Pyrene	19.511	202	2052	0.02	ng	97
32) Benzo(a)anthracene	21.250	228	2634	0.03	ng	95
33) Chrysene	21.303	228	2956	0.04	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.186	149	5458	0.13	ng	99
37) Benzo(b)fluoranthene	22.818	252	3224	0.13	ng	# 48
38) Benzo(k)fluoranthene	22.863	252	2387	0.10	ng	# 51
39) Benzo(a)pyrene	23.386	252	1575	0.07	ng	# 1
40) Dibenzo(a,h)anthracene	25.731	278	1850	0.08	ng	# 65
41) Benzo(g,h,i)perylene	26.402	276	1602	0.07	ng	# 76

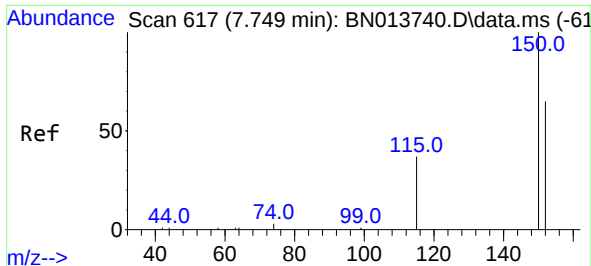
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031021\
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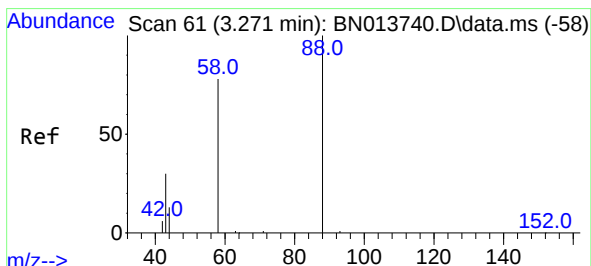
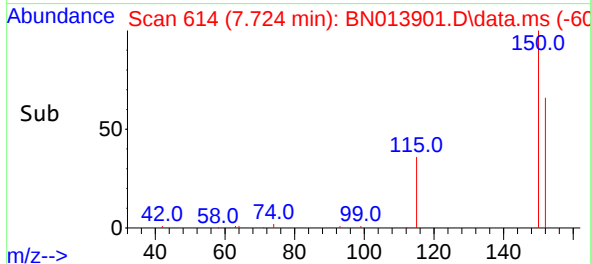
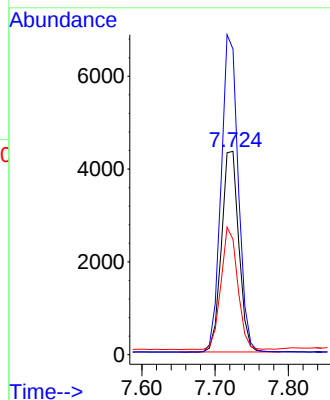
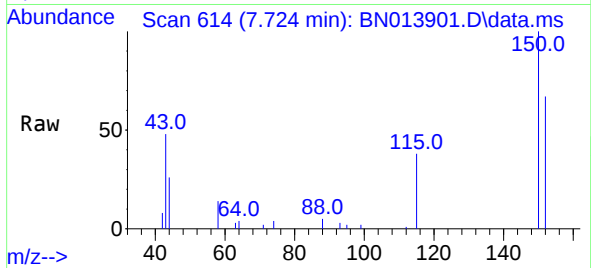




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

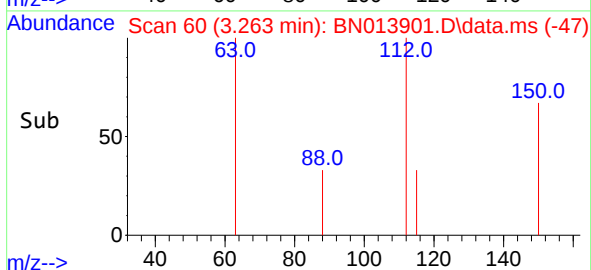
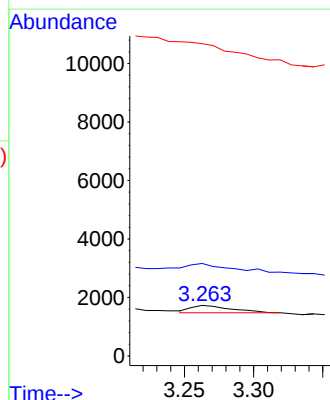
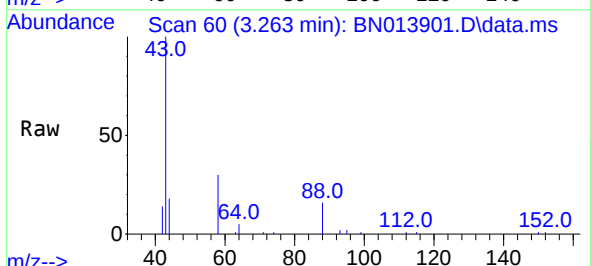
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

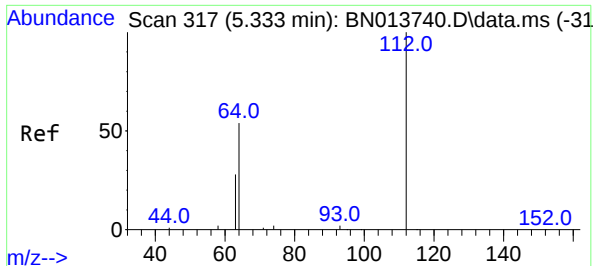
Tgt Ion:152 Resp: 7099
Ion Ratio Lower Upper
152 100
150 150.3 121.8 182.8
115 56.7 46.6 69.8



#2
1,4-Dioxane
Concen: 0.06 ng
RT: 3.263 min Scan# 60
Delta R.T. 0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion: 88 Resp: 504
Ion Ratio Lower Upper
88 100
58 143.1 64.6 96.8#
43 0.0 26.6 40.0#



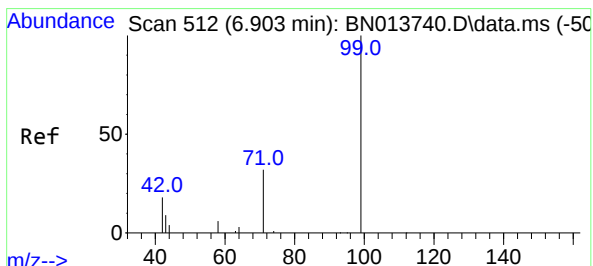
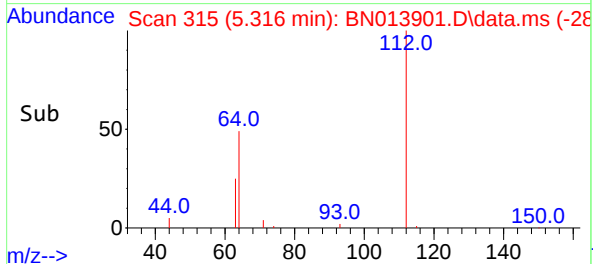
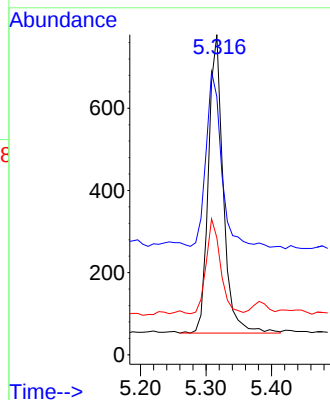
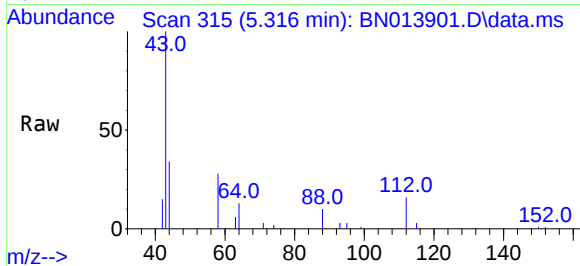


#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Instrument :
BNA_N
ClientSampled :
EB-01-030921

Tgt Ion:112 Resp: 1141

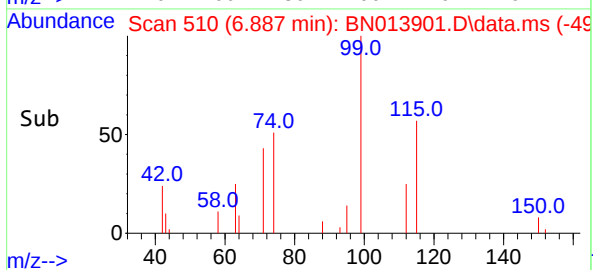
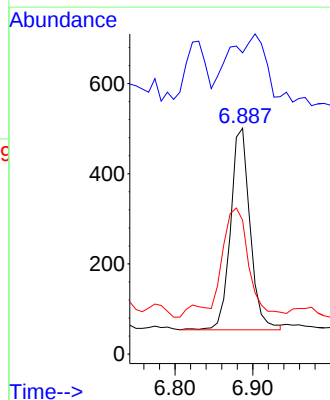
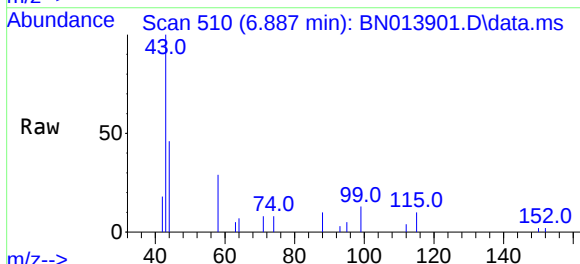
Ion	Ratio	Lower	Upper
112	100		
64	64.2	44.3	66.5
63	30.6	23.0	34.6

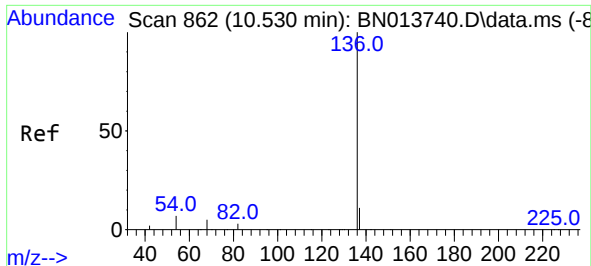


#5
Phenol-d6
Concen: 0.03 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion: 99 Resp: 780

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	72.6	26.1	39.1#

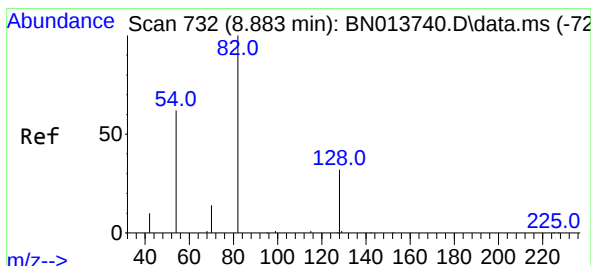
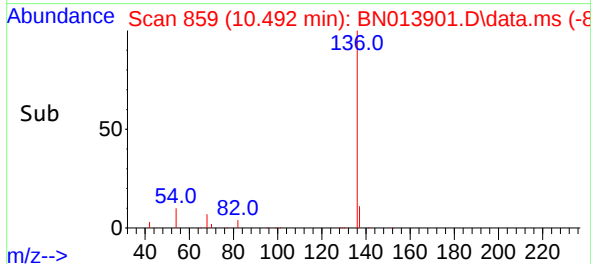
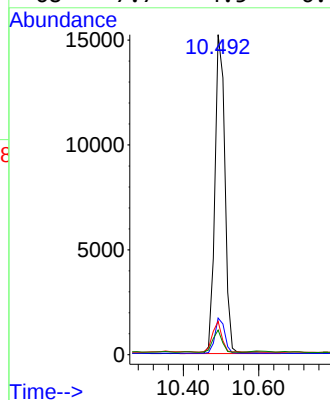
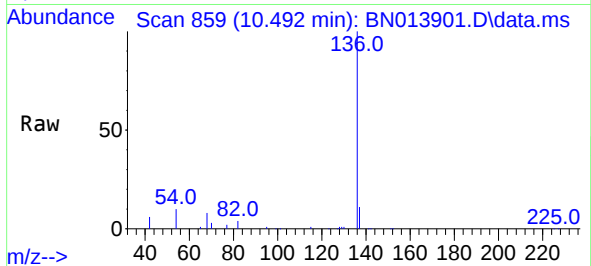




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

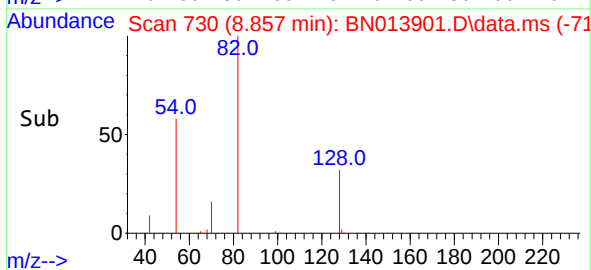
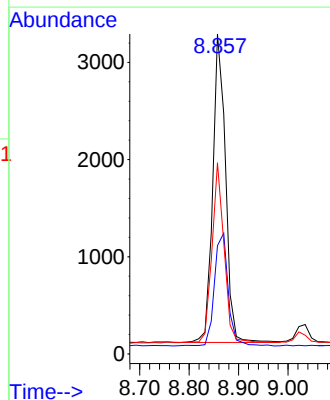
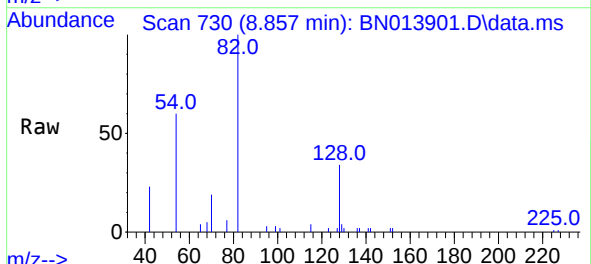
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

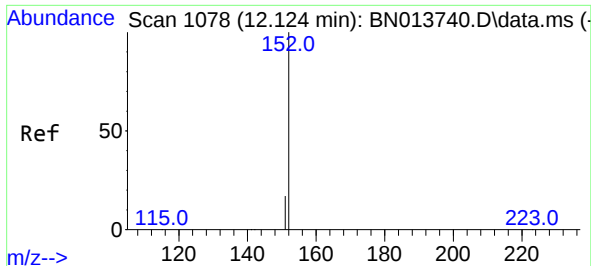
Tgt Ion:	136	Resp:	27939
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	10.4	6.4	9.6#
68	7.7	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:	82	Resp:	5678
Ion Ratio	Lower	Upper	
82	100		
128	33.8	39.2	58.8#
54	59.7	40.1	60.1

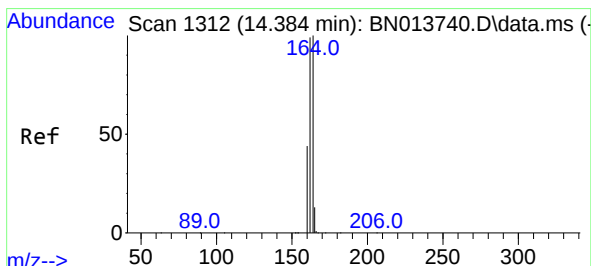
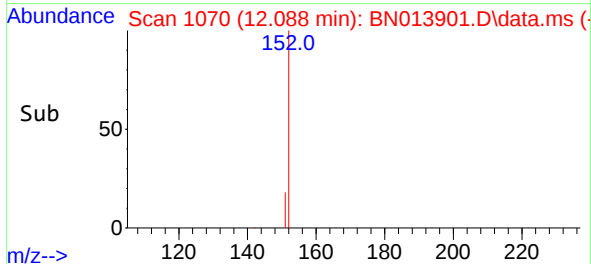
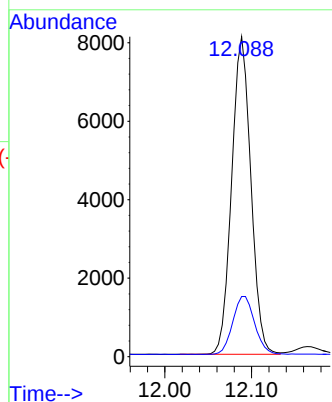
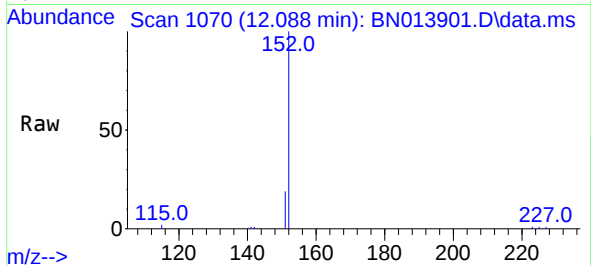




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.088 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

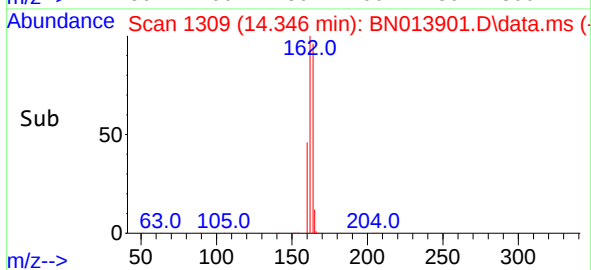
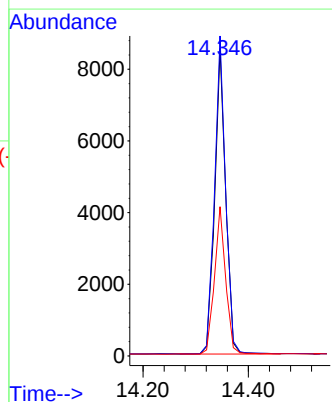
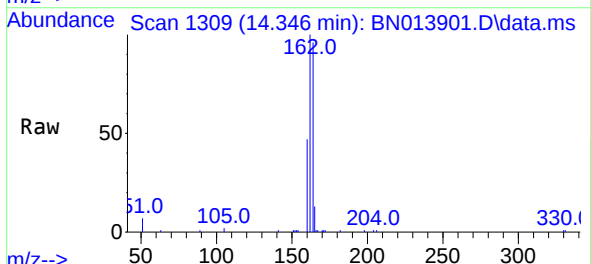
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

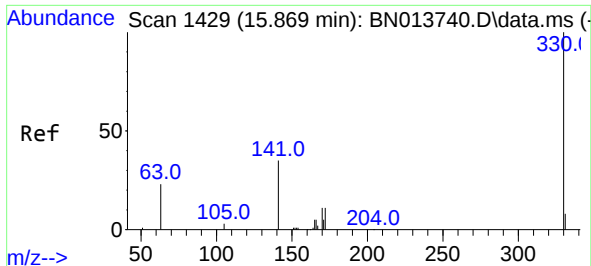
Tgt Ion:152 Resp: 12471
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:164 Resp: 12372
Ion Ratio Lower Upper
164 100
162 104.0 79.6 119.4
160 48.5 36.0 54.0

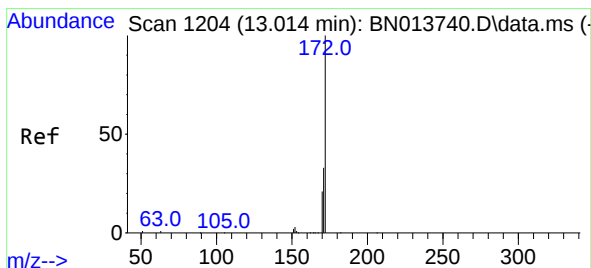
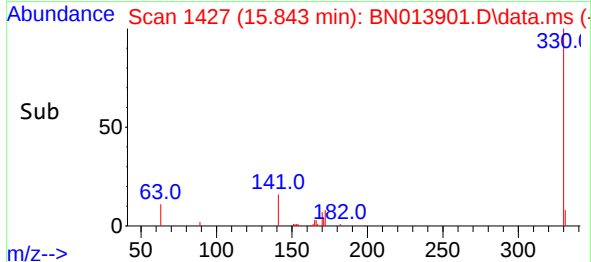
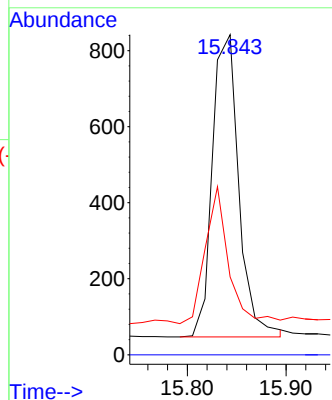
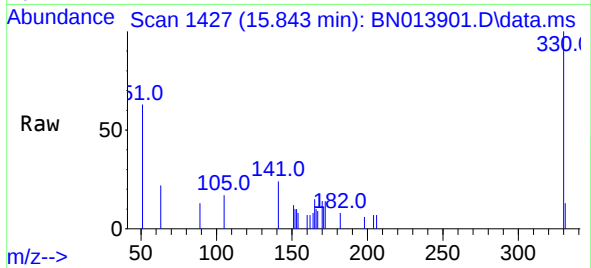




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

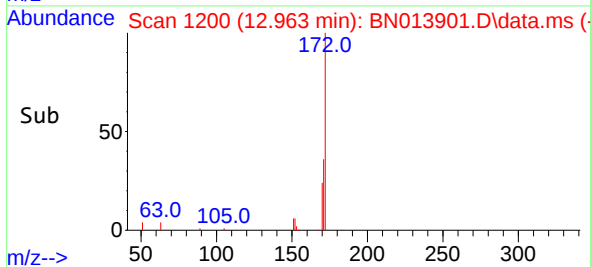
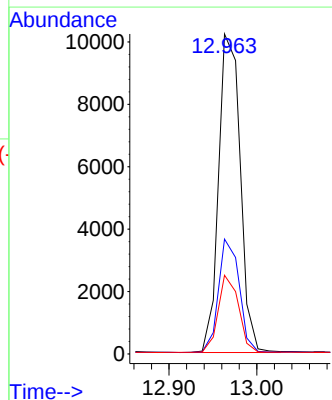
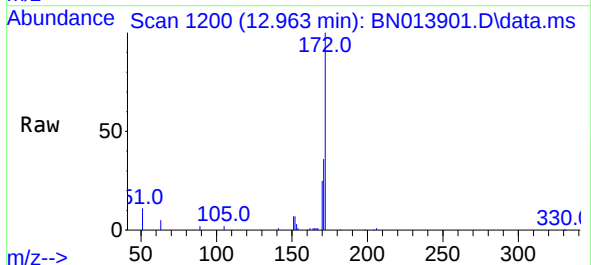
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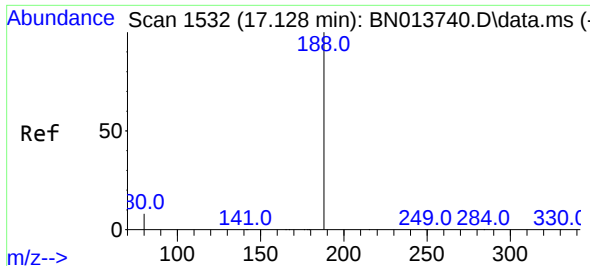
Tgt Ion:330 Resp: 1480
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:172 Resp: 17536
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.6 18.9 28.3

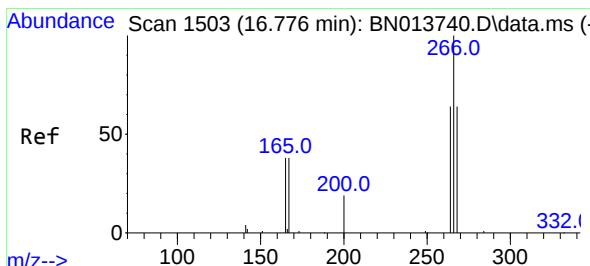
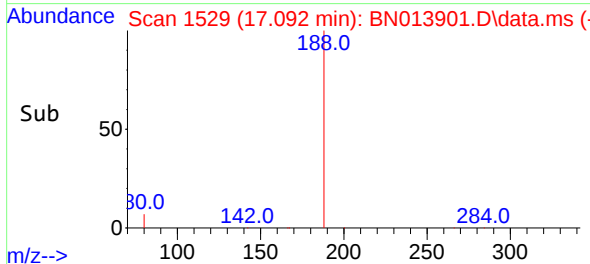
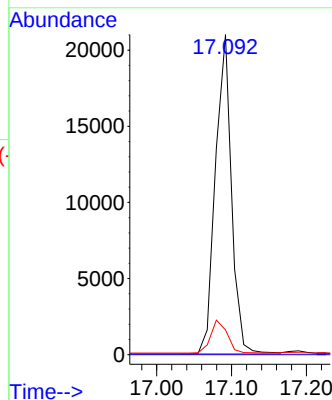
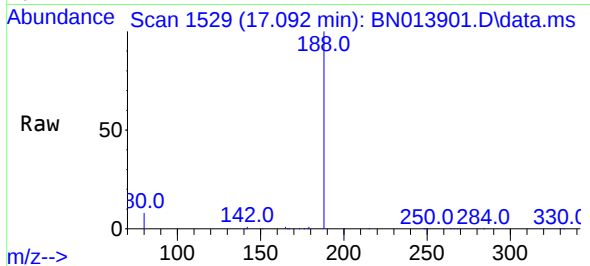




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.001 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

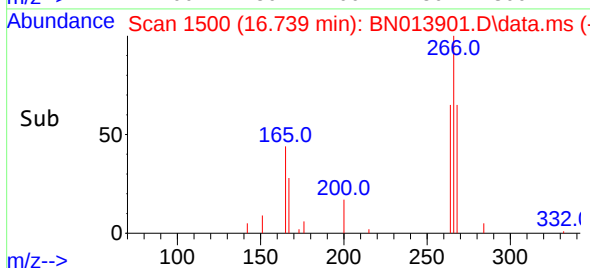
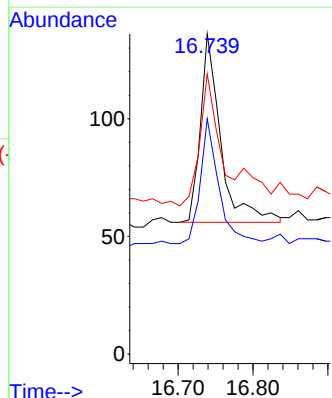
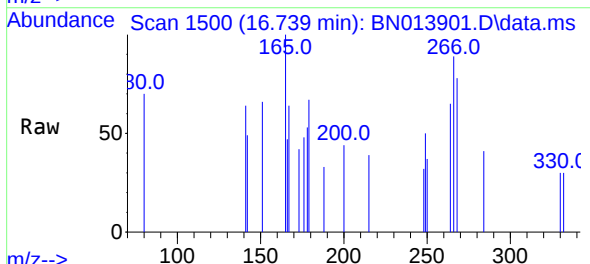
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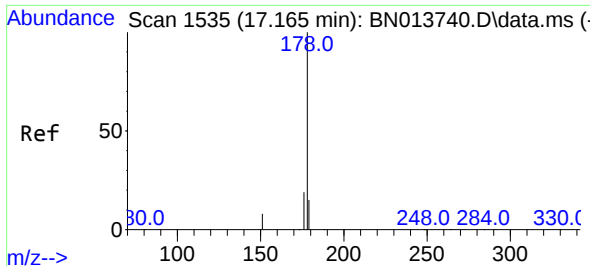
Tgt Ion:188 Resp: 31216
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 9.0 13.6#



#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.739 min Scan# 1500
Delta R.T. 0.001 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:266 Resp: 150
Ion Ratio Lower Upper
266 100
264 60.7 51.6 77.4
268 66.7 54.6 82.0



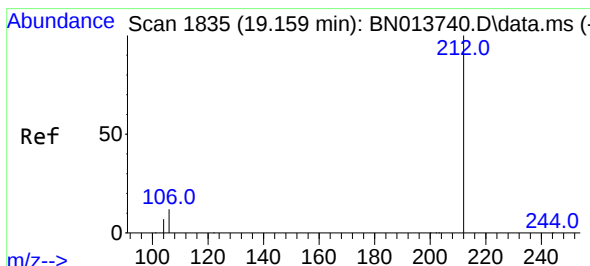
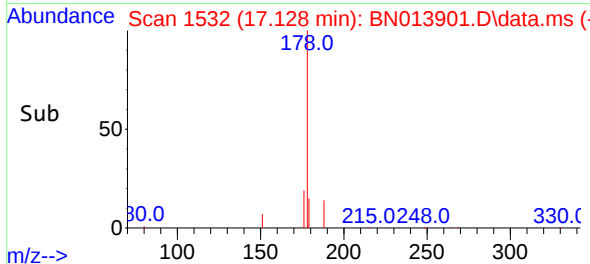
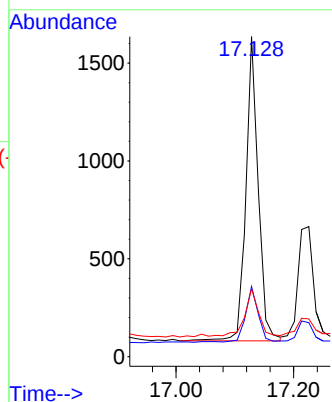
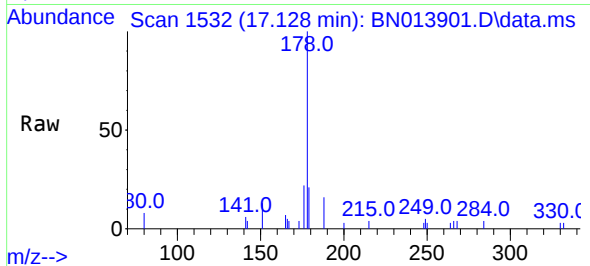


#25
Phenanthrene
Concen: 0.03 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Instrument :
BNA_N
ClientSampleId :
EB-01-030921

Tgt Ion:178 Resp: 2253

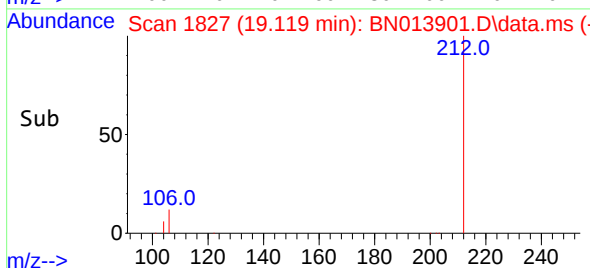
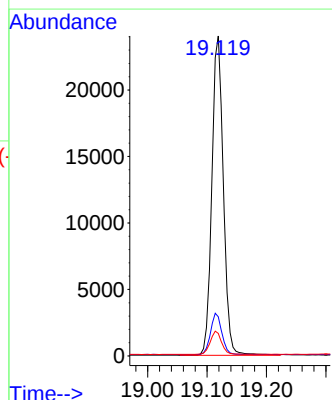
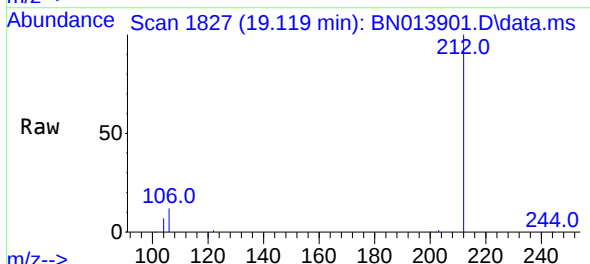
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	17.1	12.3	18.5

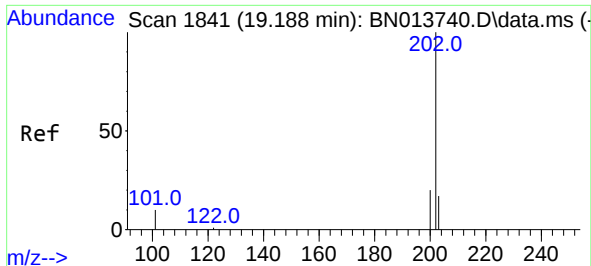


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:212 Resp: 32204

Ion	Ratio	Lower	Upper
212	100		
106	12.8	9.7	14.5
104	7.2	5.5	8.3

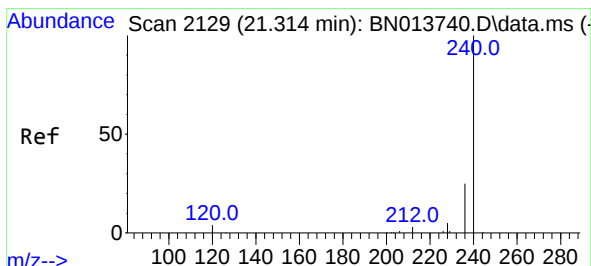
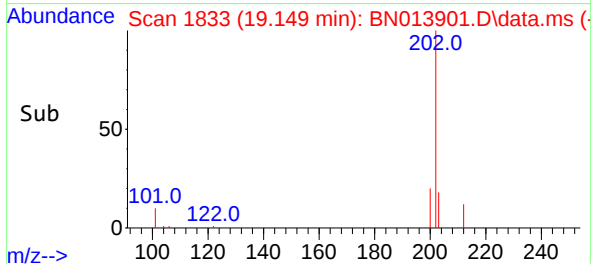
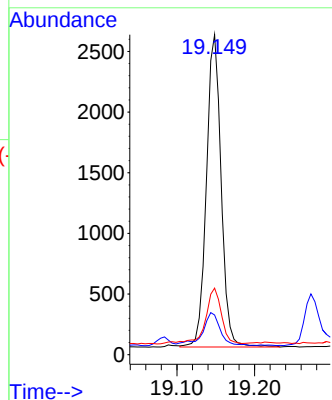
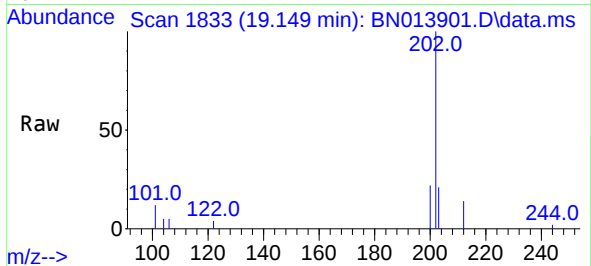




#28
Fluoranthene
Concen: 0.03 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

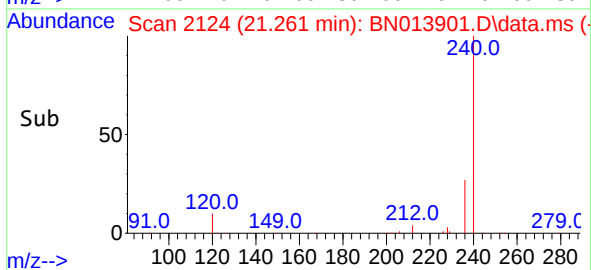
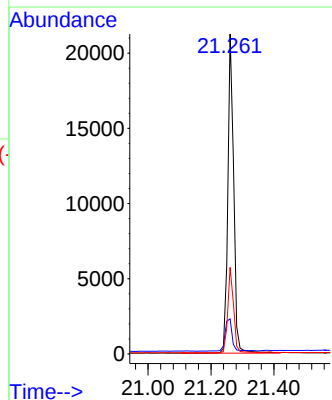
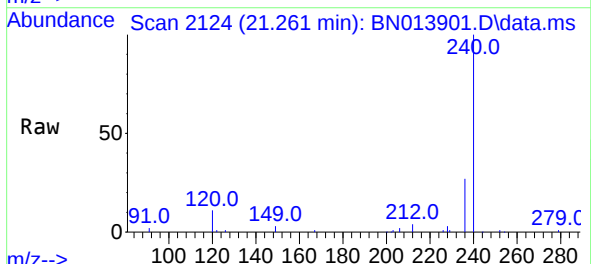
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

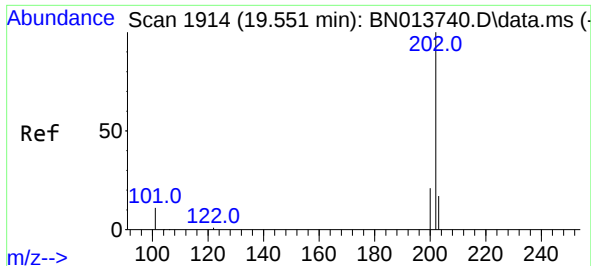
Tgt Ion:202 Resp: 3405
Ion Ratio Lower Upper
202 100
101 12.3 8.1 12.1#
203 19.4 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:240 Resp: 27783
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 27.0 21.3 31.9

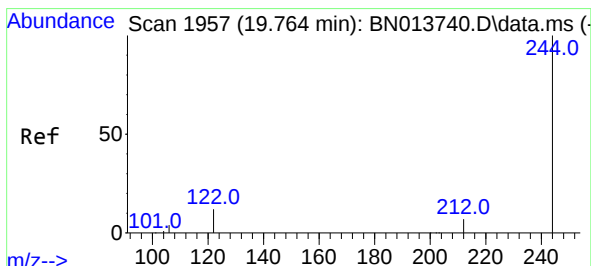
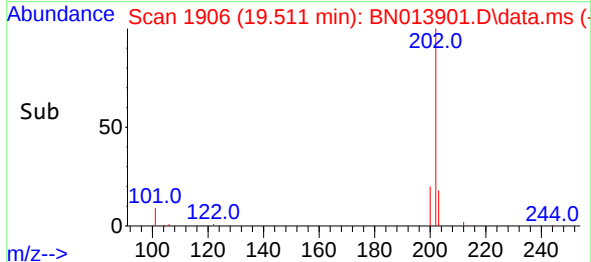
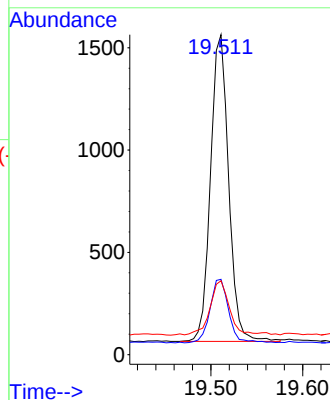
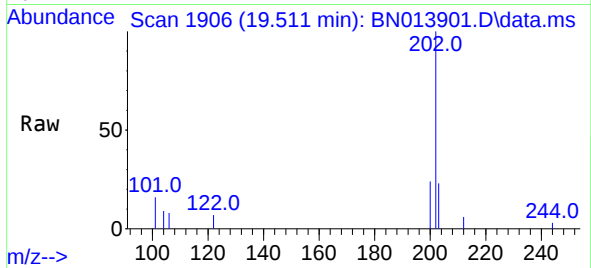




#30
Pyrene
Concen: 0.02 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

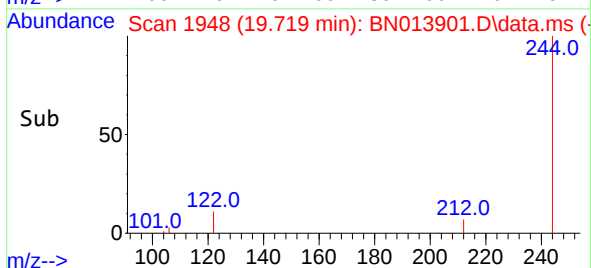
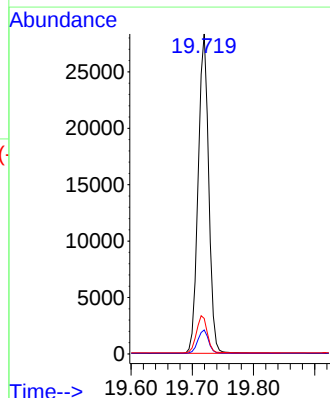
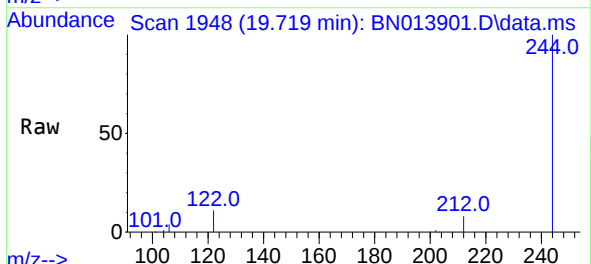
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

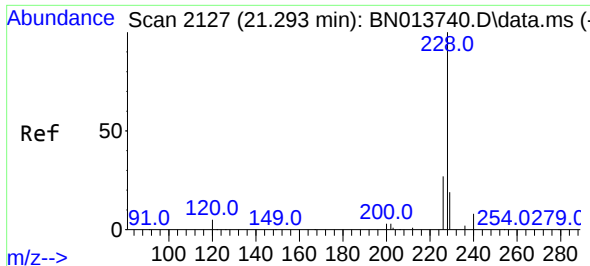
Tgt Ion:202	Resp:	2052
Ion Ratio	Lower	Upper
202	100	
200	21.4	16.3 24.5
203	19.2	14.0 21.0



#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.719 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:244	Resp:	33836
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.1 9.1
122	11.1	9.8 14.8

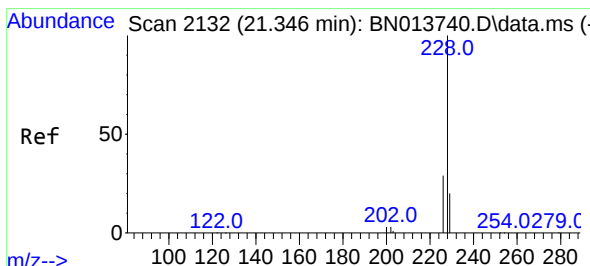
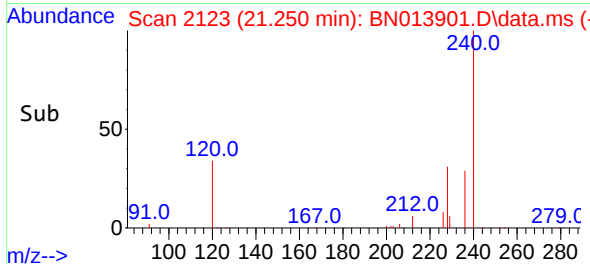
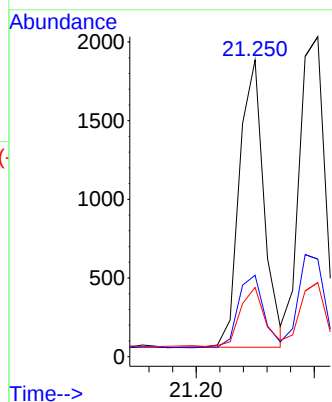
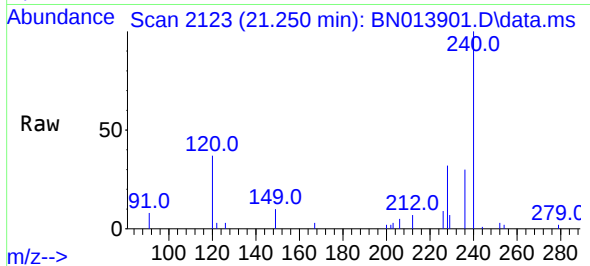




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

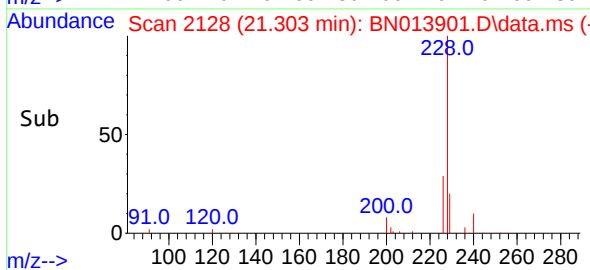
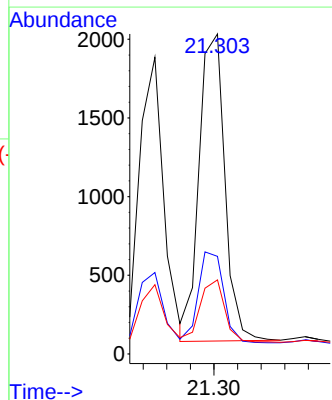
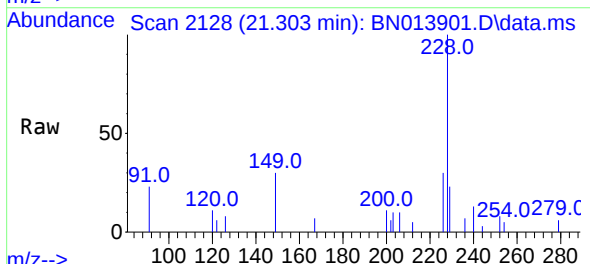
Instrument :
BNA_N
ClientSampled :
EB-01-030921

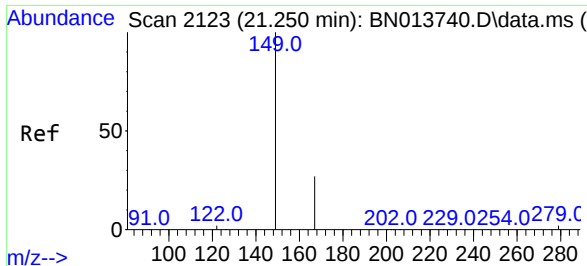
Tgt Ion:228 Resp: 2634
Ion Ratio Lower Upper
228 100
226 27.5 20.5 30.7
229 23.3 16.2 24.4



#33
Chrysene
Concen: 0.04 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:228 Resp: 2956
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 23.2 15.1 22.7#

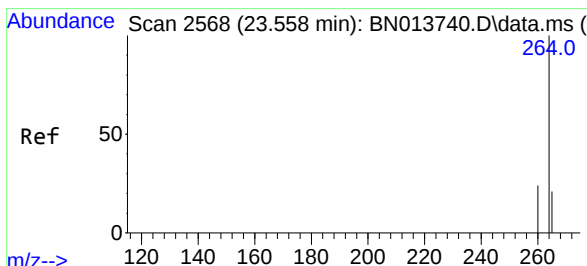
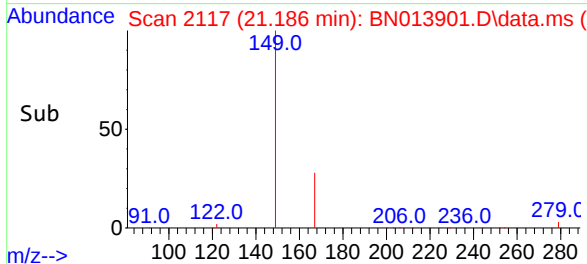
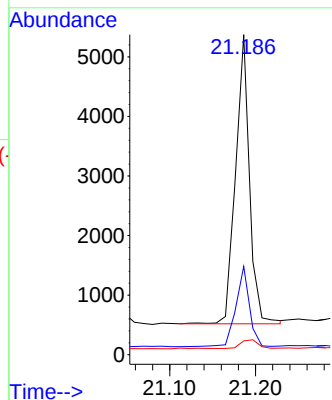
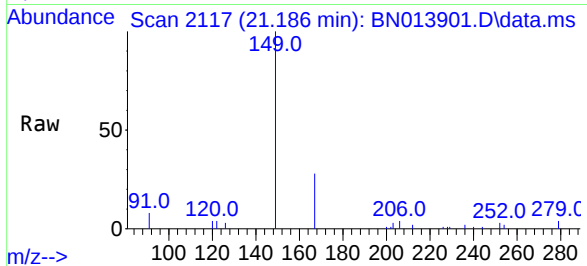




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. -0.008 min
 Lab File: BN013901.D
 Acq: 10 Mar 2021 11:32

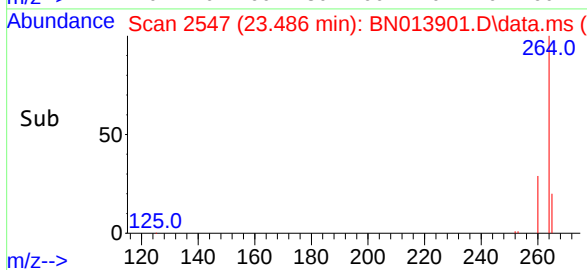
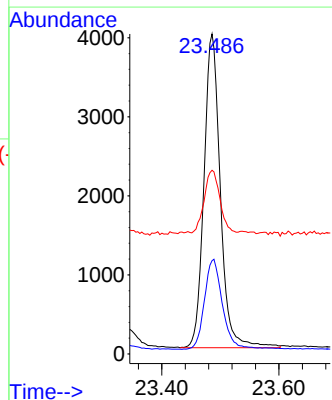
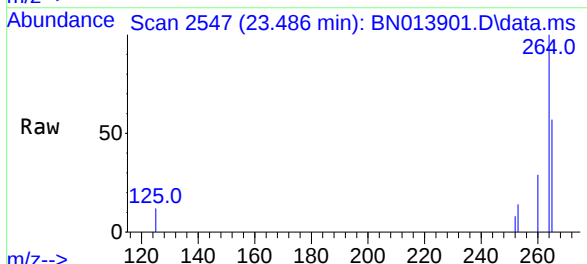
Instrument :
 BNA_N
 ClientSampleID :
 EB-01-030921

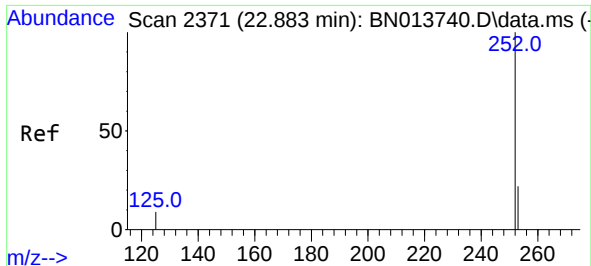
Tgt Ion:149 Resp: 5458
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 3.7 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.486 min Scan# 2547
 Delta R.T. -0.007 min
 Lab File: BN013901.D
 Acq: 10 Mar 2021 11:32

Tgt Ion:264 Resp: 7733
 Ion Ratio Lower Upper
 264 100
 260 29.2 19.3 28.9#
 265 57.4 66.2 99.4#

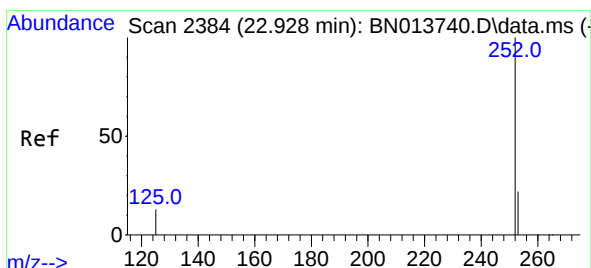
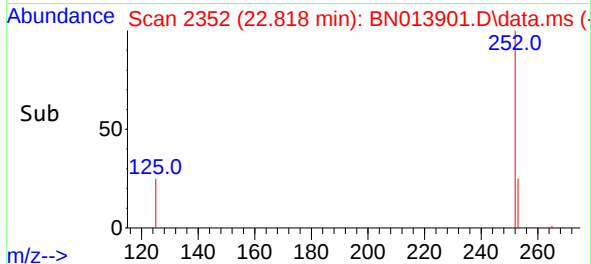
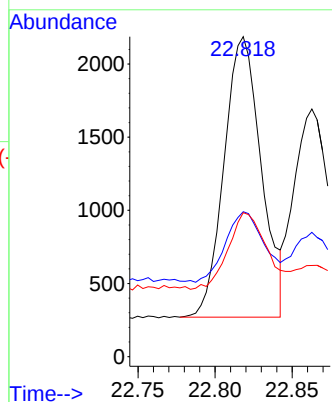
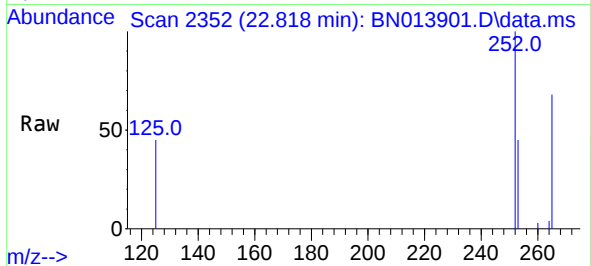




#37
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 22.818 min Scan# 2352
Delta R.T. -0.007 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

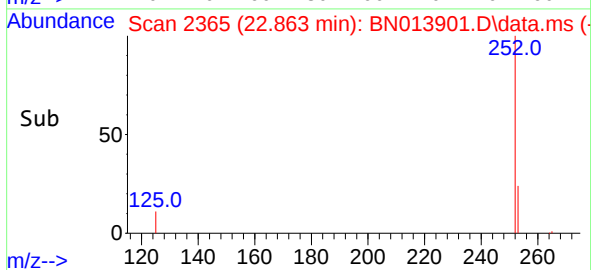
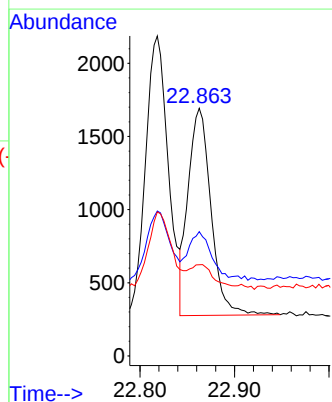
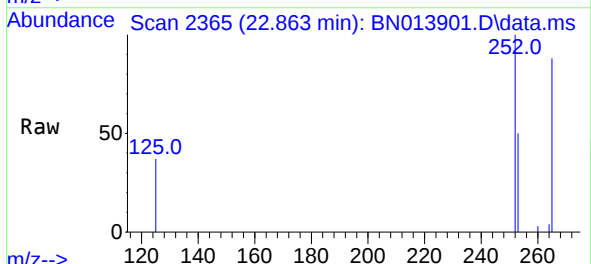
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

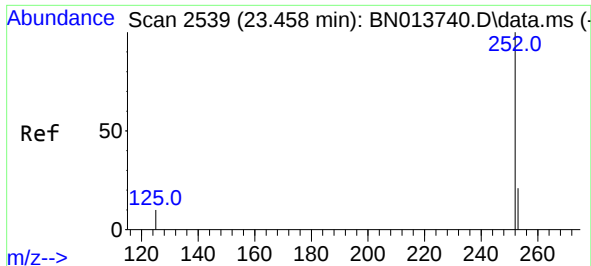
Tgt Ion:252 Resp: 3224
Ion Ratio Lower Upper
252 100
253 45.3 20.4 30.6#
125 45.0 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.863 min Scan# 2365
Delta R.T. -0.004 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:252 Resp: 2387
Ion Ratio Lower Upper
252 100
253 50.1 20.5 30.7#
125 36.8 12.3 18.5#

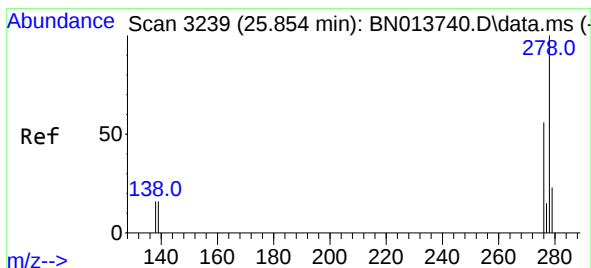
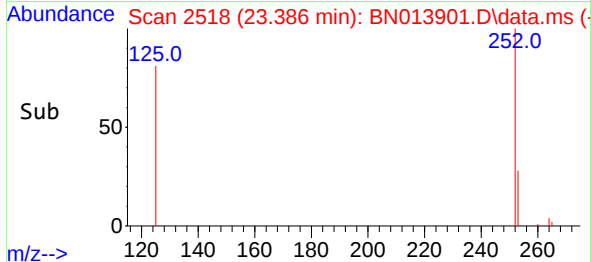
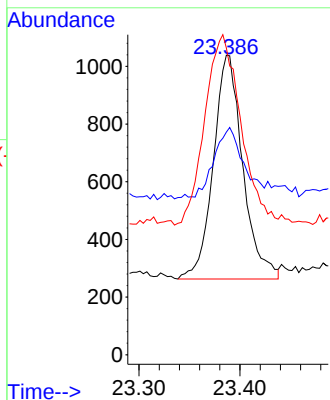
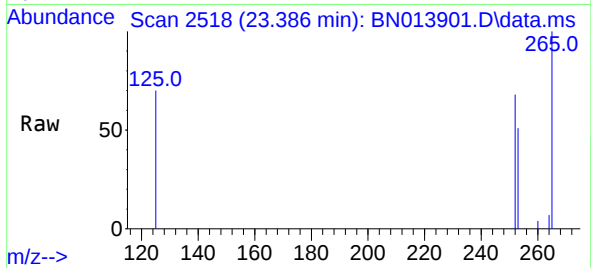




#39
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.386 min Scan# 2518
Delta R.T. -0.011 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

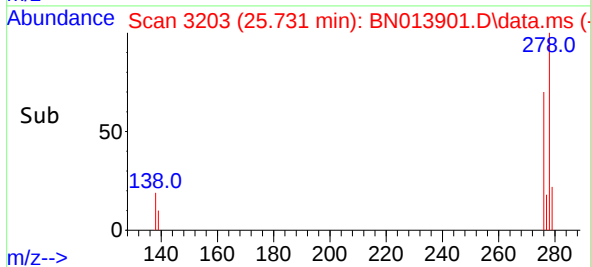
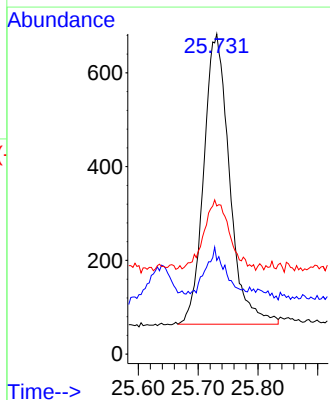
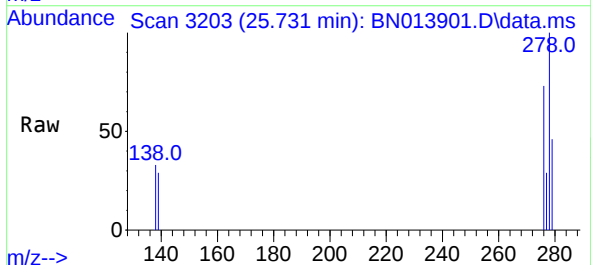
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

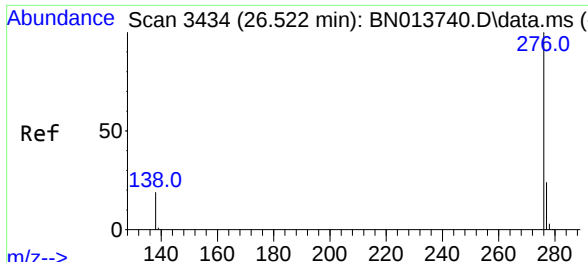
Tgt Ion:252	Resp:	1575
Ion Ratio	Lower	Upper
252	100	
253	74.3	21.8 32.6#
125	102.4	14.6 21.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.731 min Scan# 3203
Delta R.T. -0.011 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

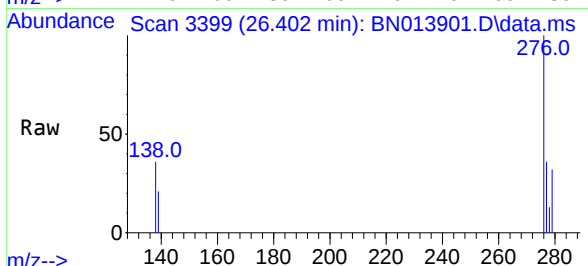
Tgt Ion:278	Resp:	1850
Ion Ratio	Lower	Upper
278	100	
139	29.3	13.1 19.7#
279	46.3	21.4 32.0#





#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.402 min Scan# 3399
Delta R.T. -0.007 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Instrument :
BNA_N
ClientSampleId :
EB-01-030921



Tgt Ion:276 Resp: 1602
Ion Ratio Lower Upper
276 100
277 35.7 20.0 30.0#
138 35.7 17.8 26.8#

